

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022724\
 Data File : PD081694.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Feb 2024 19:02
 Operator : AR\AJ
 Sample : PEM001
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM120

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 27 22:02:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD021224CLP.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 12 17:06:05 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

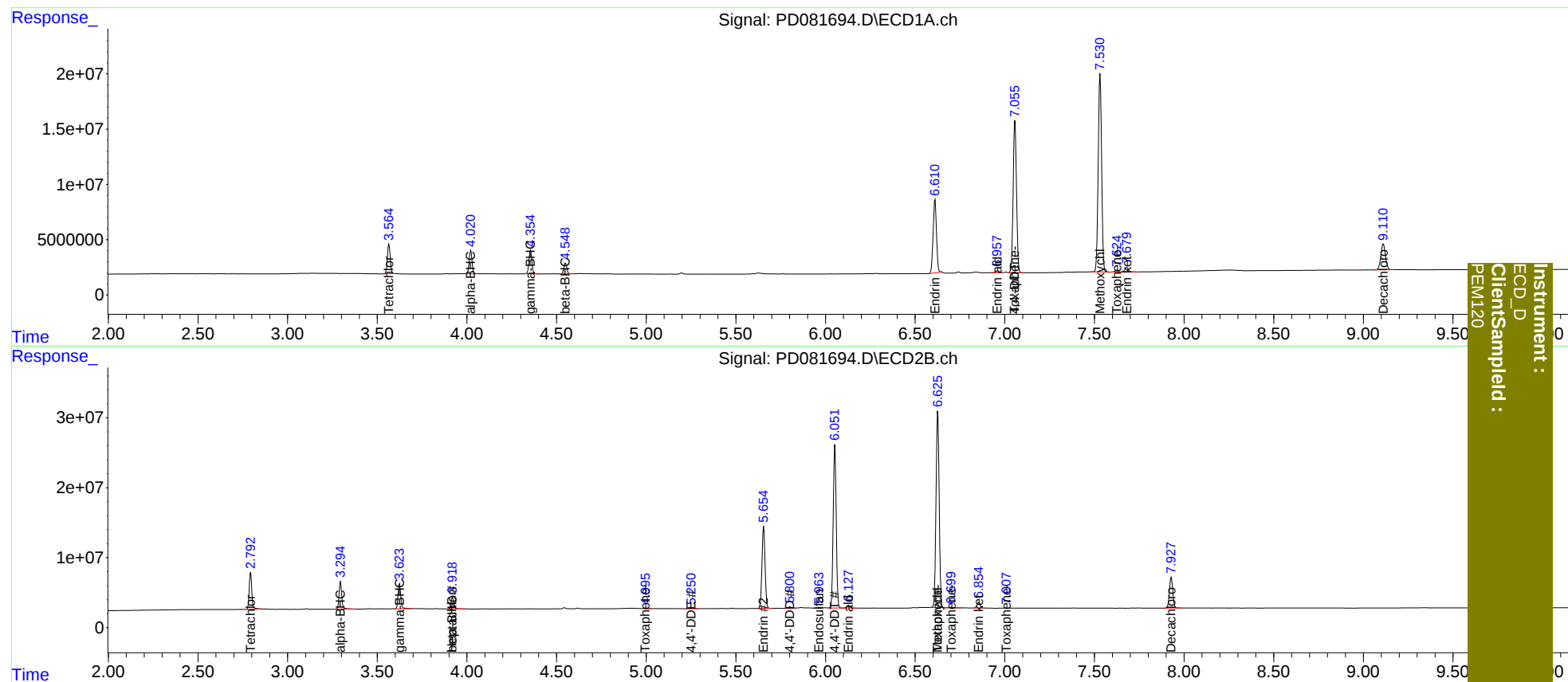
System Monitoring Compounds							
1)	SA Tetrachlo...	3.565	2.794	29340054	52980006	21.461	21.611
27)	SA Decachlor...	9.111	7.929	42243939	56794288	21.895	22.895
Target Compounds							
2)	A alpha-BHC	4.022	3.295	23249106	40587960	9.956	10.556
3)	MA gamma-BHC...	4.355	3.624	23857277	37967215	10.326	10.483
4)	MA Heptachlor	0.000	3.920f	0	18323213	N.D.	5.165
5)	MB Aldrin	0.000	4.253	0	208333	N.D.	<MDL
6)	B beta-BHC	4.550	3.920	11217716	18323213	10.794	10.844
10)	B trans-Chl...	0.000	4.997	0	187064	N.D.	<MDL
11)	B cis-Chlor...	0.000	4.997f	0	187064	N.D.	<MDL
12)	B 4,4'-DDE	0.000	5.252	0	717894	N.D.	0.243
14)	MA Endrin	6.611	5.655	86138670	138.3E6	45.899	48.130
15)	B Endosulfa...	0.000	5.965	0	727064	N.D.	0.258
16)	A 4,4'-DDD	0.000	5.802	0	2129364	N.D.	0.845
17)	MA 4,4'-DDT	7.057	6.053	178.3E6	270.3E6	102.629	104.679
18)	B Endrin al...	6.958	6.128	2371207	4713252	1.587	2.175 #
20)	A Methoxychlor	7.532	6.626	235.3E6	342.7E6	256.553	256.481
21)	B Endrin ke...	7.681	6.855	5699200	9880248	2.947	3.295
22)	Toxaphene-1	0.000	4.997	0	187064	N.D.	11.426
24)	Toxaphene-3	7.057f	6.626	178.3E6	342.7E6	3371.498	5854.449 #
25)	Toxaphene-4	0.000	6.701f	0	1236942	N.D.	15.544
26)	Toxaphene-5	7.626	7.008f	1755221	40950	59.182	1.263 #

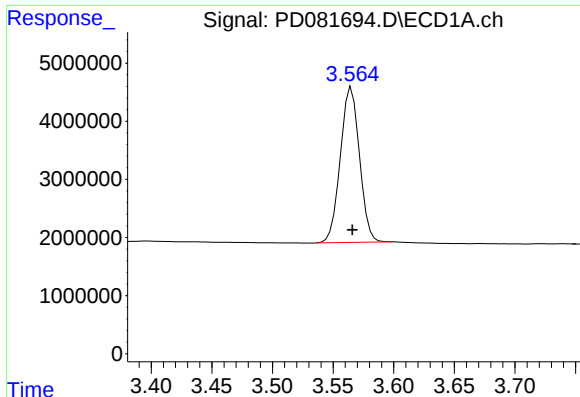
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Misc :
ALS Vial : 3 Sample Multiplier: 1

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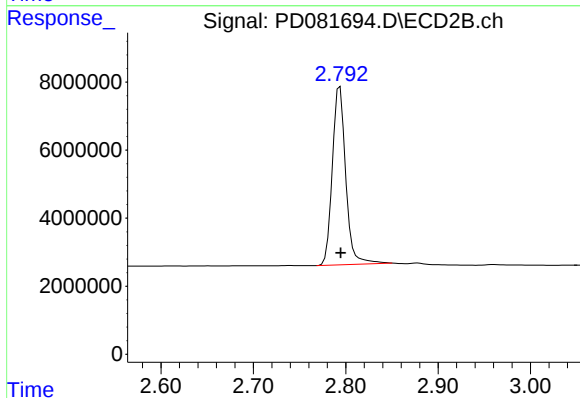




#1 Tetrachloro-m-xylene

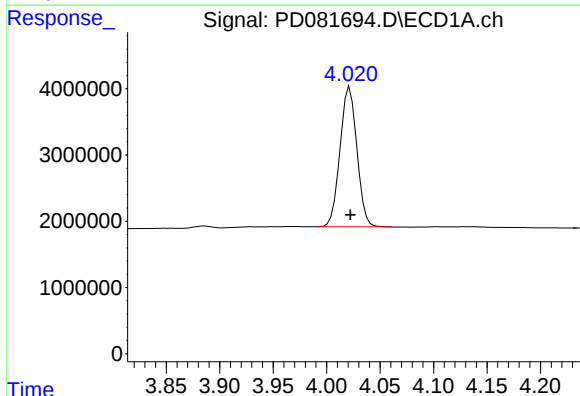
R.T.: 3.565 min
Delta R.T.: 0.000 min
Response: 29340054
Conc: 21.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM120



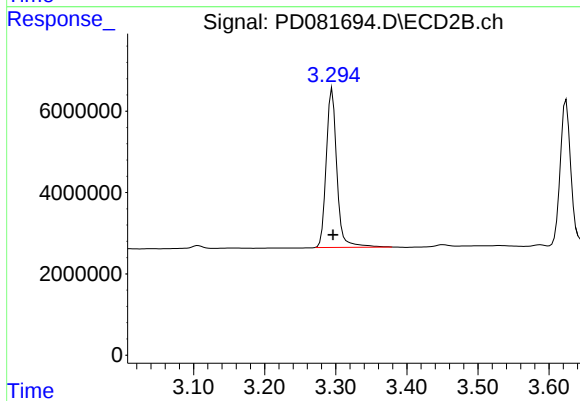
#1 Tetrachloro-m-xylene

R.T.: 2.794 min
Delta R.T.: 0.000 min
Response: 52980006
Conc: 21.61 ng/ml



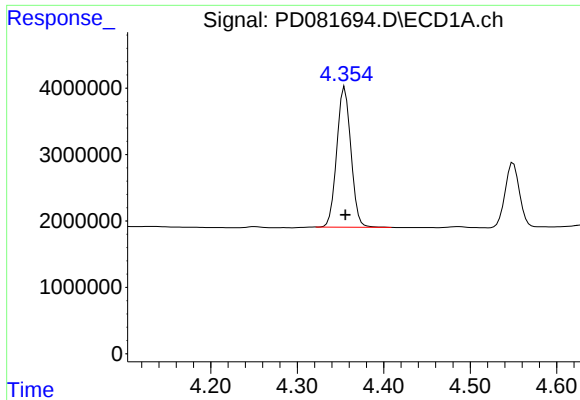
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 23249106
Conc: 9.96 ng/ml



#2 alpha-BHC

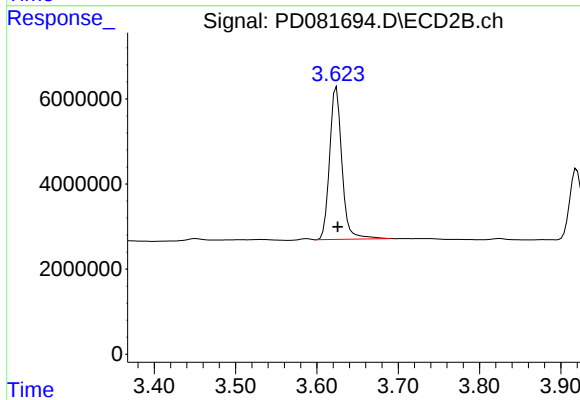
R.T.: 3.295 min
Delta R.T.: -0.001 min
Response: 40587960
Conc: 10.56 ng/ml



#3 gamma-BHC (Lindane)

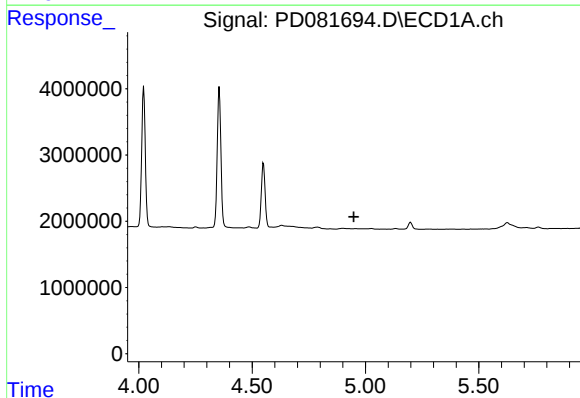
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 23857277
Conc: 10.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM120



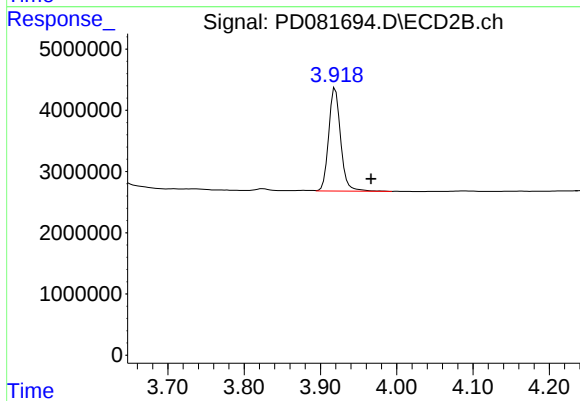
#3 gamma-BHC (Lindane)

R.T.: 3.624 min
Delta R.T.: -0.001 min
Response: 37967215
Conc: 10.48 ng/ml



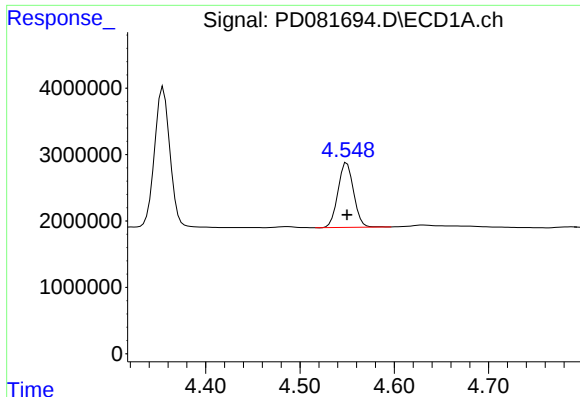
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.949 min
Response: 0
Conc: N.D.



#4 Heptachlor

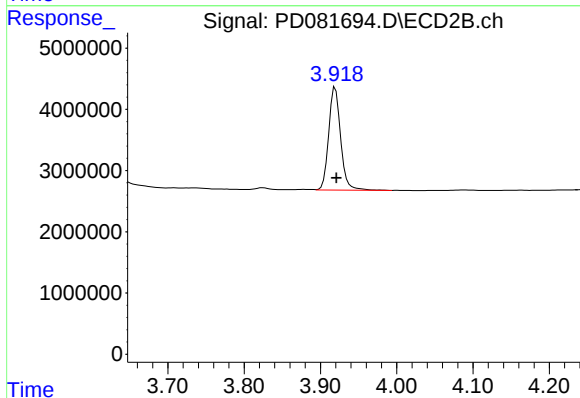
R.T.: 3.920 min
Delta R.T.: -0.047 min
Response: 18323213
Conc: 5.17 ng/ml



#6 beta-BHC

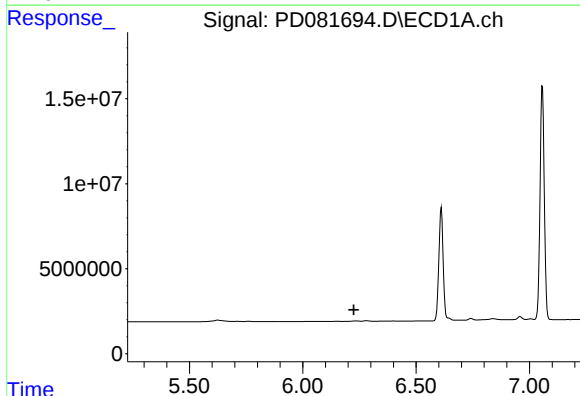
R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 11217716
Conc: 10.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM120



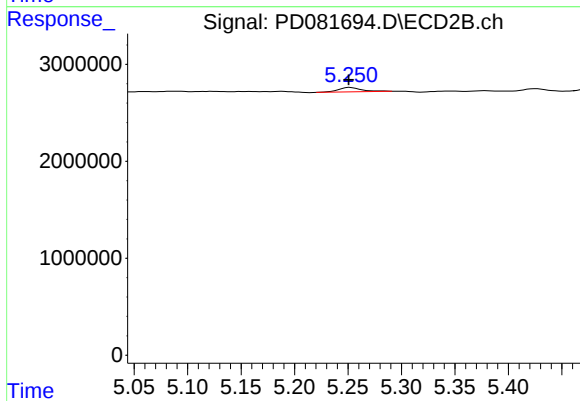
#6 beta-BHC

R.T.: 3.920 min
Delta R.T.: -0.001 min
Response: 18323213
Conc: 10.84 ng/ml



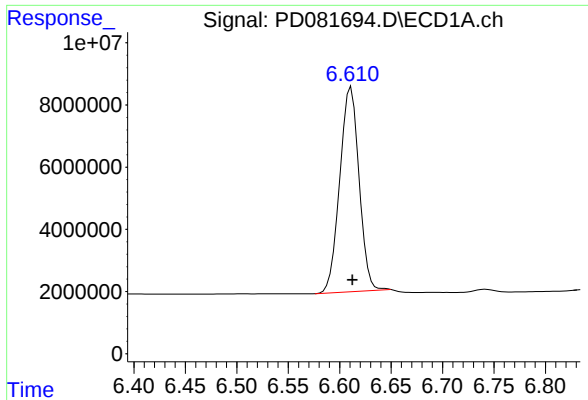
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.225 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

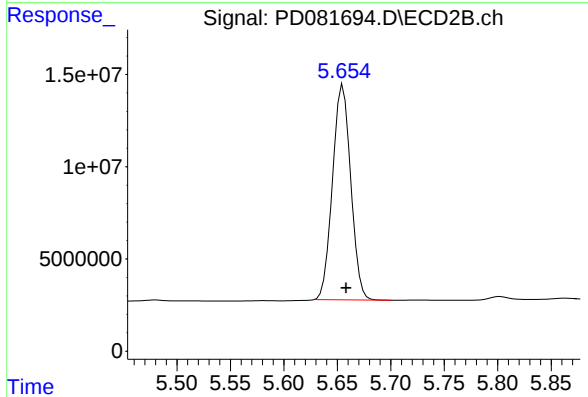
R.T.: 5.252 min
Delta R.T.: 0.001 min
Response: 717894
Conc: 0.24 ng/ml



#14 Endrin

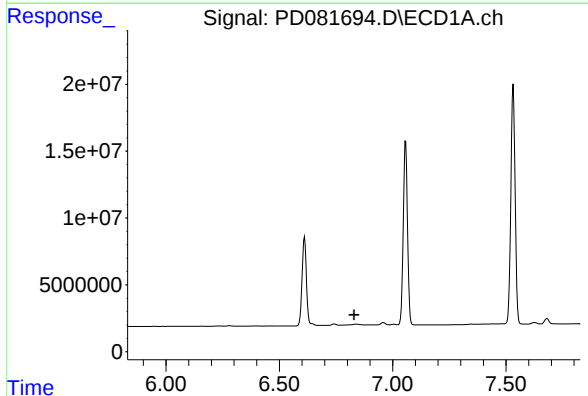
R.T.: 6.611 min
Delta R.T.: -0.001 min
Response: 86138670
Conc: 45.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM120



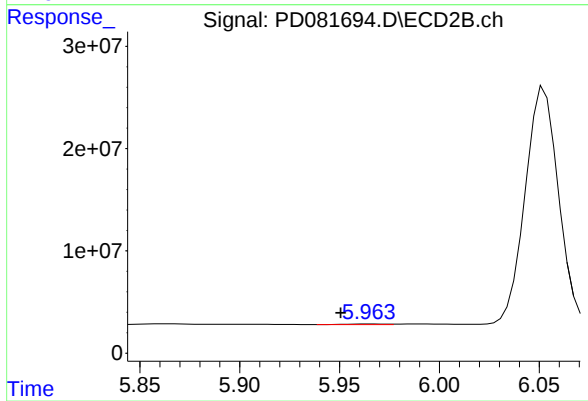
#14 Endrin

R.T.: 5.655 min
Delta R.T.: -0.003 min
Response: 138281941
Conc: 48.13 ng/ml



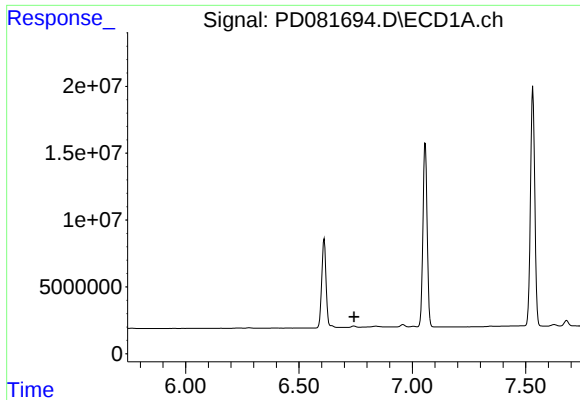
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 6.829 min
Response: 0
Conc: N.D.



#15 Endosulfan II

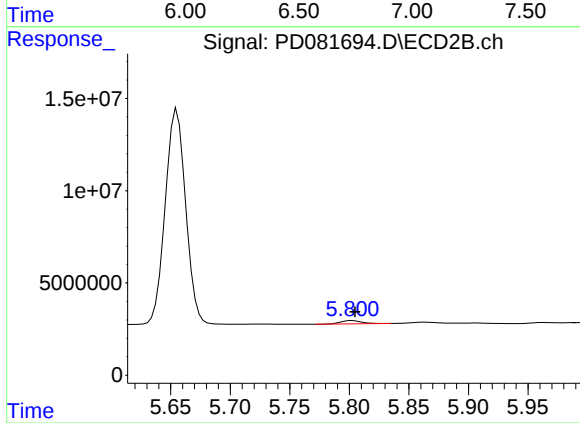
R.T.: 5.965 min
Delta R.T.: 0.014 min
Response: 727064
Conc: 0.26 ng/ml



#16 4,4'-DDD

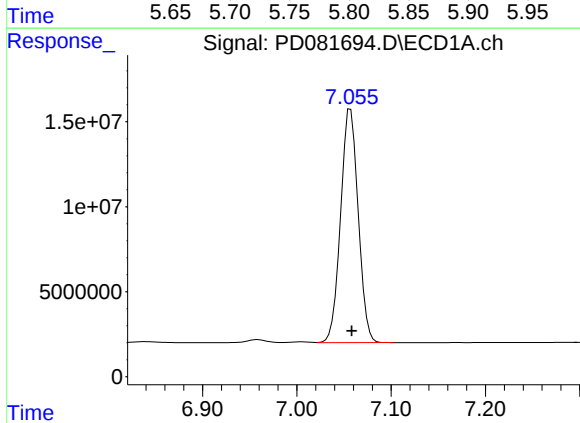
R.T.: 0.000 min
Exp R.T.: 6.744 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM120



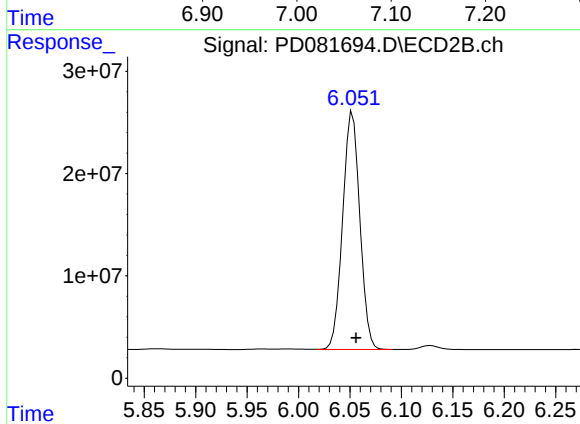
#16 4,4'-DDD

R.T.: 5.802 min
Delta R.T.: -0.003 min
Response: 2129364
Conc: 0.84 ng/ml



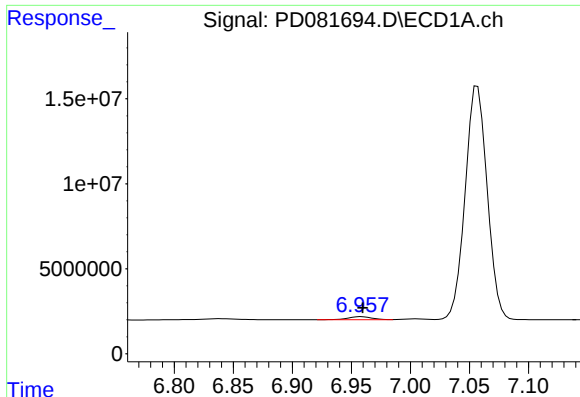
#17 4,4'-DDT

R.T.: 7.057 min
Delta R.T.: -0.001 min
Response: 178300854
Conc: 102.63 ng/ml



#17 4,4'-DDT

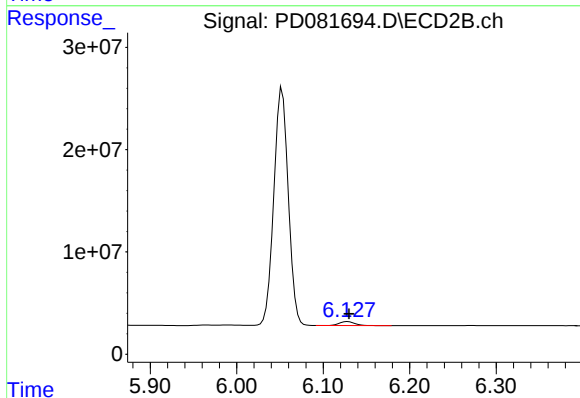
R.T.: 6.053 min
Delta R.T.: -0.003 min
Response: 270317147
Conc: 104.68 ng/ml



#18 Endrin aldehyde

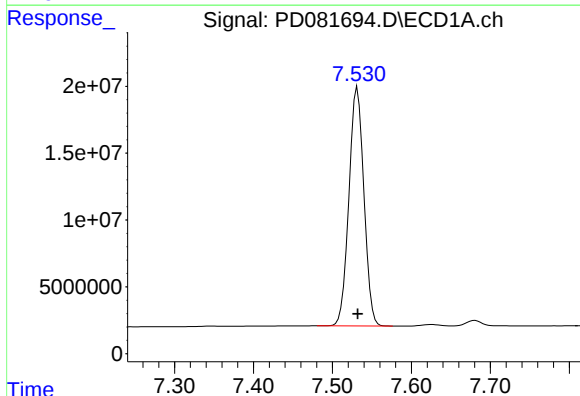
R.T.: 6.958 min
Delta R.T.: -0.001 min
Response: 2371207
Conc: 1.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM120



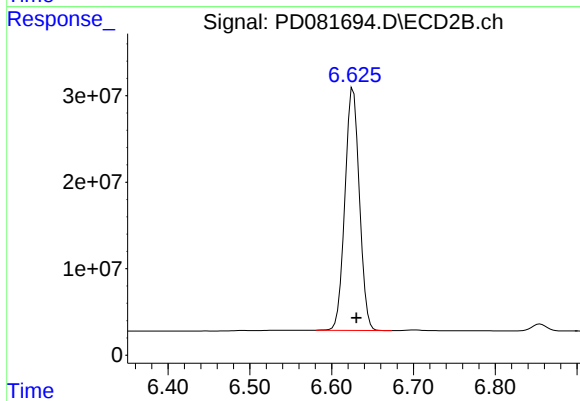
#18 Endrin aldehyde

R.T.: 6.128 min
Delta R.T.: -0.002 min
Response: 4713252
Conc: 2.18 ng/ml



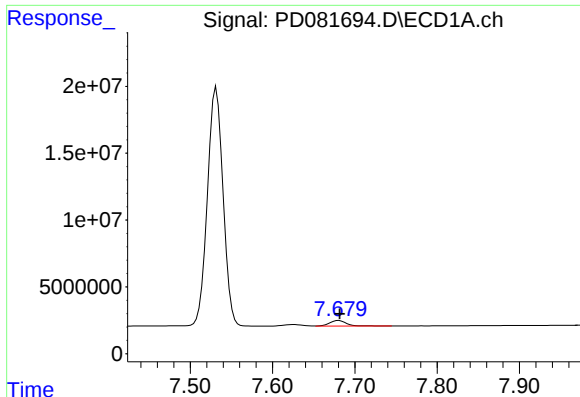
#20 Methoxychlor

R.T.: 7.532 min
Delta R.T.: 0.000 min
Response: 235329670
Conc: 256.55 ng/ml



#20 Methoxychlor

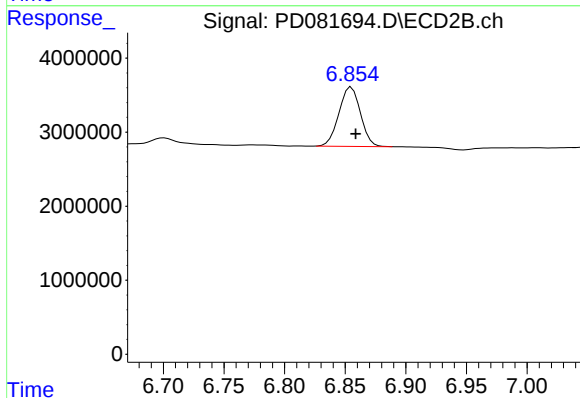
R.T.: 6.626 min
Delta R.T.: -0.004 min
Response: 342671093
Conc: 256.48 ng/ml



#21 Endrin ketone

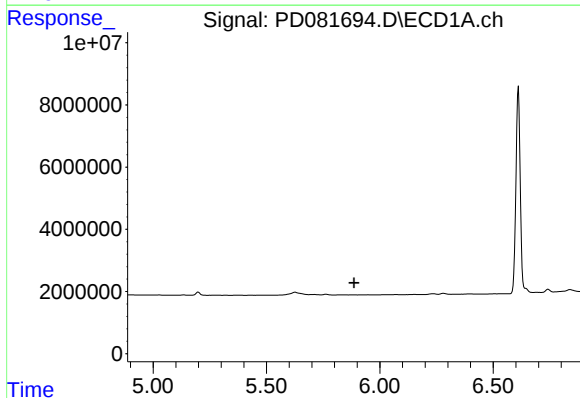
R.T.: 7.681 min
Delta R.T.: -0.001 min
Response: 5699200
Conc: 2.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM120



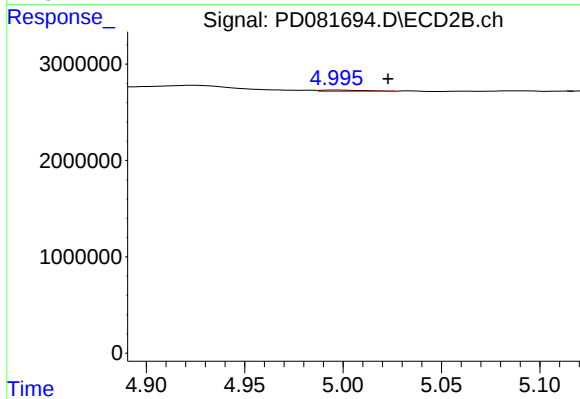
#21 Endrin ketone

R.T.: 6.855 min
Delta R.T.: -0.004 min
Response: 9880248
Conc: 3.30 ng/ml



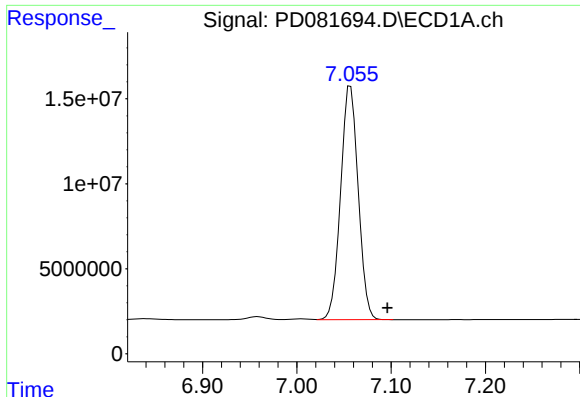
#22 Toxaphene-1

R.T.: 0.000 min
Exp R.T. : 5.886 min
Response: 0
Conc: N.D.



#22 Toxaphene-1

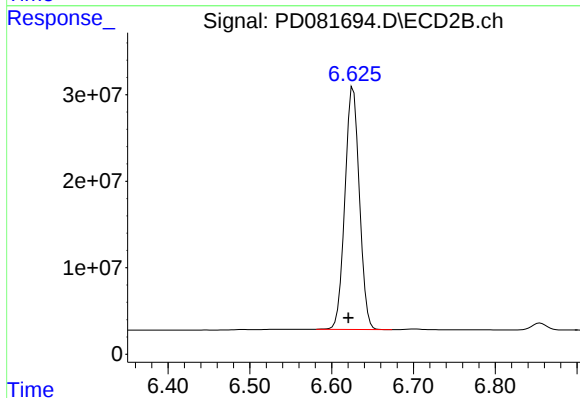
R.T.: 4.997 min
Delta R.T.: -0.026 min
Response: 187064
Conc: 11.43 ng/ml



#24 Toxaphene-3

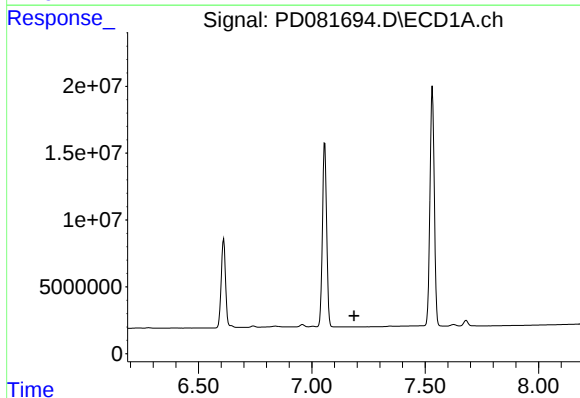
R.T.: 7.057 min
Delta R.T.: -0.039 min
Response: 178300854
Conc: 3371.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM120



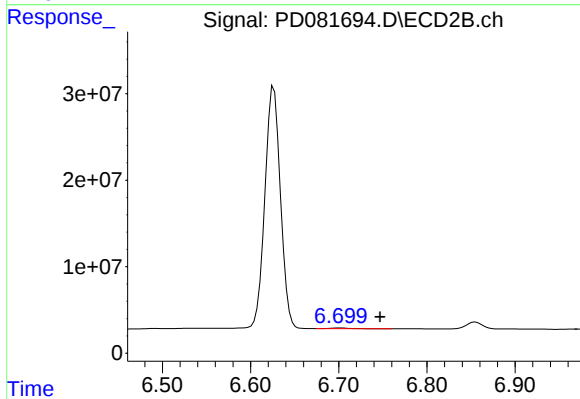
#24 Toxaphene-3

R.T.: 6.626 min
Delta R.T.: 0.006 min
Response: 342671093
Conc: 5854.45 ng/ml



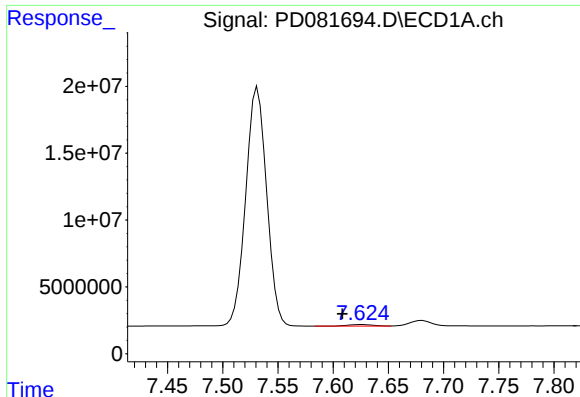
#25 Toxaphene-4

R.T.: 0.000 min
Exp R.T. : 7.187 min
Response: 0
Conc: N.D.



#25 Toxaphene-4

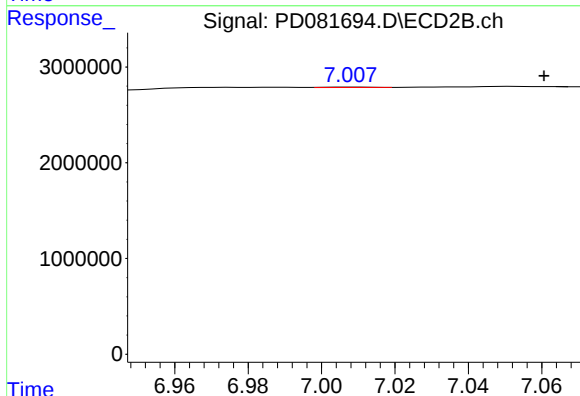
R.T.: 6.701 min
Delta R.T.: -0.046 min
Response: 1236942
Conc: 15.54 ng/ml



#26 Toxaphene-5

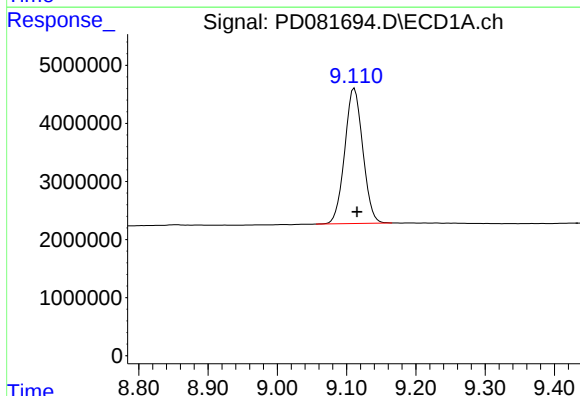
R.T.: 7.626 min
Delta R.T.: 0.017 min
Response: 1755221
Conc: 59.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM120



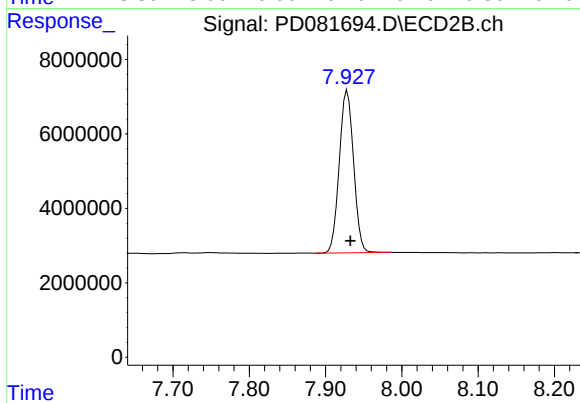
#26 Toxaphene-5

R.T.: 7.008 min
Delta R.T.: -0.052 min
Response: 40950
Conc: 1.26 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.111 min
Delta R.T.: -0.004 min
Response: 42243939
Conc: 21.90 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.929 min
Delta R.T.: -0.004 min
Response: 56794288
Conc: 22.89 ng/ml